

DOCKET NO.: THOM-0009
Application No.: 09/589,579
Office Action Dated: October 22, 2002

PATENT

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-13 (canceled)

Claim 1¹~~4~~ (currently amended) A The rejuvenating or cleaning composition for a catalyst of a vehicle catalytic converter as claimed in claim 13, comprising 10-40 wt% isopropyl alcohol, 10-40 wt% acetone, 35-65 wt% xylene and 5-15 wt% paraffin.

Claim 15 (canceled)

B' Claim 1²~~6~~ (currently amended) The rejuvenating or cleaning composition as claimed in ~~any one of claims 1 through 11, 14 and 15~~ claim 1⁴, comprising one or more of ~~trace~~ the elements Sr, Bi, Cd, Ba, Ni, Mn, Fe, Na, Zn, Al, Ca, Cu, Pb, Co, K, Cr, Mg, As, Sn, Sb, V, Ti, Be, Si, P, W, and Mo.

Claim 1³~~7~~ (previously amended) The rejuvenating or cleaning composition as claimed in claim ~~1⁶~~ ^{2⁶}, wherein those ~~trace~~ elements which are present are each present in an amount of $\pm 30\%$ of the figures shown for the respective element: Sr (0.01ppm), Bi (0.05ppm), Cd (0.01ppm), Ba (0.01ppm), Ni (0.07ppm), Mn (0.05ppm), Fe (0.16ppm), Na (4.03ppm), Zn (0.05ppm), Al (0.19ppm), Ca (0.14ppm), Cu (0.02ppm), Pb (0.06ppm), Co (0.01ppm), K (15.59ppm), Cr (0.01ppm), Mg (0.05ppm), As (0.05ppm), Sn (0.34ppm), Sb (0.10ppm), V (0.07ppm), Ti (0.01ppm), Be (0.01ppm), Si (0.39ppm), P (0.17ppm), W (0.14ppm), and Mo (0.01ppm).

Claims 18-20 (canceled)

Claim 2⁴₁ (currently amended) A method of rejuvenating or cleaning a catalyst in a vehicle catalytic converter without removal of the catalyst from the vehicle, said method as claimed in claim 19, the method further comprising:

- (i) bringing an engine of the vehicle and the catalytic converter up to working temperature;
- (ii) disconnecting the vehicle's fuel line from the engine;
- (iii) connecting the engine to a ~~means for feeding~~ source of rejuvenating or cleaning the composition ~~thereto~~; and
- (iv) feeding the composition into the engine ~~whilst~~ while the engine is running at idle at a temperature high enough to effect cleaning of the catalyst.

Claims 22-23 (canceled)

Claim 2⁵₁ (original) A method as claimed in claim ⁴2₁, wherein the vehicle is run at a temperature of between 60 and 90°C.

Claim 2⁶₁ (currently amended) A method as claimed in claim ⁴2₁, wherein the rejuvenating ~~and/or~~ or cleaning composition is as defined in claim ¹1₁.

Claim 2⁷₁ (currently amended) A method as claimed in claim ⁶2₁, wherein the rejuvenating ~~and/or~~ or cleaning composition is combustible.

Claims 27-28 (canceled)

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B1 Claim ~~29~~ (currently amended) A method as claimed in claim ⁶~~26~~, wherein the rejuvenating or cleaning composition is fed into an ~~the~~ injection system, through the engine, through the catalytic converter and out through an ~~the~~ exhaust system into the atmosphere.

⁹
B2 Claim ~~30~~ (new) A method for rejuvenating or cleaning a catalyst in a vehicle without removal of the catalyst from the vehicle comprising contacting the catalyst with the composition of claim ¹~~14~~.
